

Waterproof



These Ultra-High Q Filters have 8 Poles of Cavity Filtering that provide excellent selectivity from adjacent channel interference. Three channels cover the 2.4GHz band, with each having a 22MHz Bandwidth and typical IL of 2dB. Their compact size, rugged aluminum construction and built in lightning protection are ideal for collocation clean-up or minimizing adjacent channel interference.

Typical Performance Parameters

Frequency Bands / Selectivity:

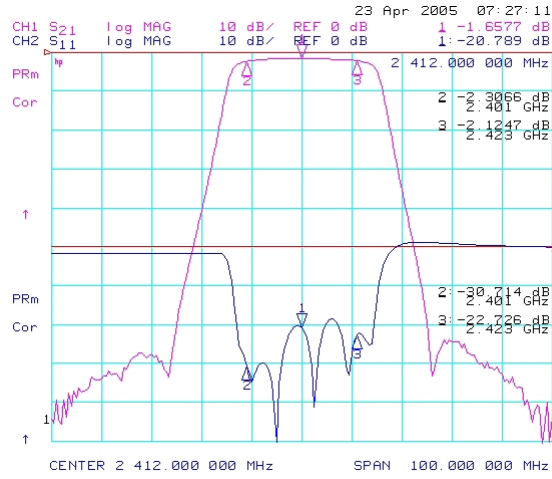
Model #	Channel	Center Freq	3dB BW	30dB BW	60dB BW
2400BPF-8-CH1	1	2412 MHz	22 MHz	39 MHz	50 MHz
2400BPF-8-CH6	6	2437 MHz	22 MHz	39 MHz	50 MHz
2400BPF-8-CH11	11	2462 MHz	22 MHz	39 MHz	50 MHz

Number of Cavities:	8 Poles with inter-stage cross coupling
Insertion Loss:	< 3 dB (-2dB Typical)
Passband Ripple:	< 0.25dB
Return Loss:	> 15dB (18dB Typical) 50 Ohm in/out impedance
Harmonic Rejection:	> 90dBc
Power Handling:	50 Watts
Operational Temp:	-40 to +85 Deg C
Size / RF Connectors:	4.3" x 2.2"x 0.8" ("N" type Female Connectors)
Weight:	0.69 lbs
Chassis:	Machined Aluminum Housing, Painted Black
Lightning Suppression:	Shunt inductive (DC Short)

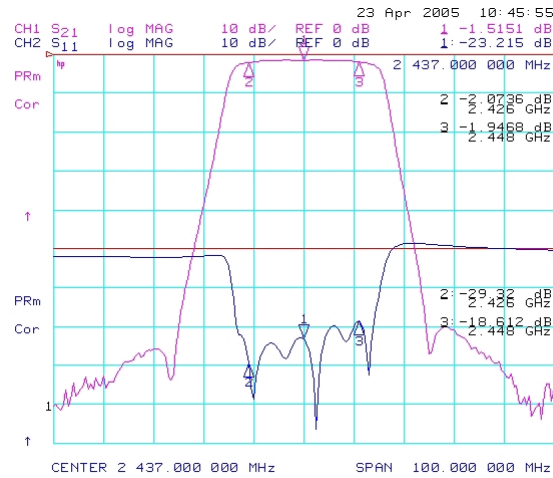
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West Chester, Ohio 45069
PH: 513-777-2774

Typical Selectivity Plots:

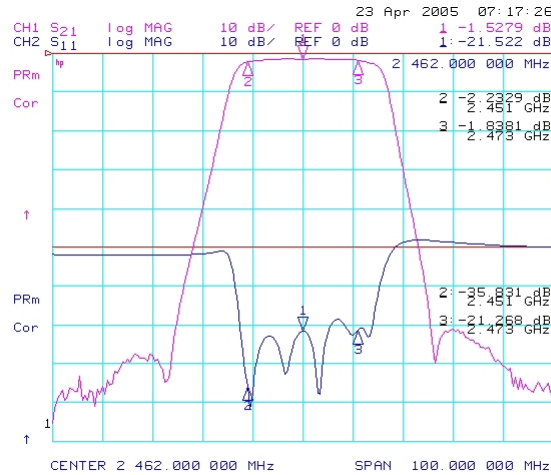
CH 1



CH 6

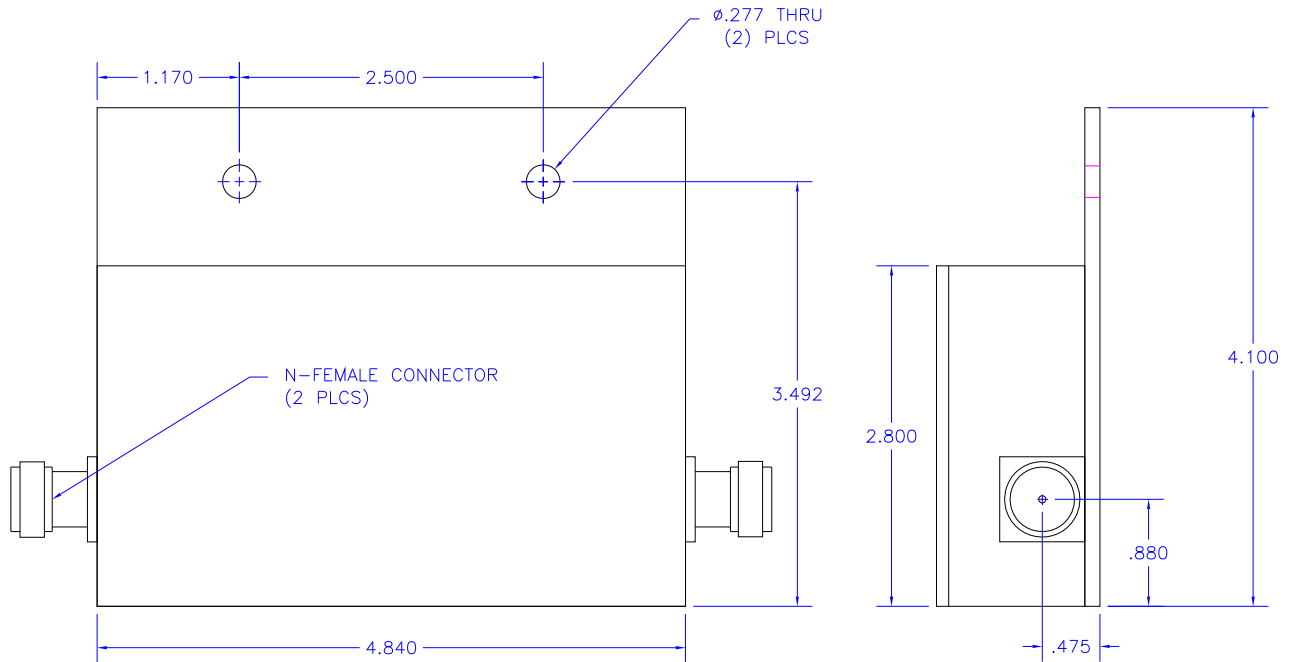


CH 11



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Mechanical Outline:



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